

264-826

3/13/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL, SAFETY  
AND POLLUTION PREVENTION

Jessica Fernandez  
Bayer CropScience  
2 TW Alexander Dr  
RTP, NC 27709

MAR 13 2013

Subject: Supplemental Labels for Gem 500 SC Fungicide – Almonds and Artichoke  
EPA Reg No. 264-826  
Decision No. 475094  
Submission Date: 1/21/13

Dear Ms Fernandez:

The supplemental labels for almonds and artichokes referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, are acceptable provided you make the following change:

1. On both supplemental labels, delete the statement at the bottom of the page “This supplemental label expires 01/09/2016 and must not be used or distributed” as this complete statement can already be found at the top of the page.

A copy of each label stamped “Accepted” is enclosed for your records. Please submit one (1) final printed copy for each of the above mentioned labels before releasing the product for shipment. If you have any questions, please contact Dominic Schuler at (703) 347-0260 or via email at [schuler.dominic@epa.gov](mailto:schuler.dominic@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Tony Kish".

(for)

Tony Kish  
Product Manager 22  
Fungicide Branch  
Registration Division (7504P)



Bayer CropScience

Bayer CropScience LP  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
1-866-99BAYER (1-866-992-2937)

Gem™ 500 SC Fungicide

EPA Reg. No. 264-826

For Use On: ARTICHOKE (GLOBE)

*This supplemental label expires 01/09/2016 and must not be used or distributed after this date.*

**Supplemental Label**

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Read this label and the product package label before using this product. This Supplemental Label must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the product label for Gem™ 500 SC Fungicide attached to the container.

**USE DIRECTIONS FOR SPECIFIC CROPS**

ARTICHOKE (GLOBE)			
Disease Control	Rate fl oz/Acre	Application Timing	Notes
Powdery mildew ( <i>Leveillula taurica</i> )	3.0 – 3.8	Begin applications when conditions are favorable for diseases but before infection.	Use the higher rates when disease pressure is severe. Apply on a 7 to 10-day spray schedule.
Restrictions: Do not apply more than 7.6 fl. oz. of Gem 500 SC Fungicide per acre per season. Gem 500 SC Fungicide maybe applied up to the day of harvest (0-day preharvest interval). To limit the potential for development of disease resistance alternate each application of Gem 500 SC Fungicide with a non Group 11 containing fungicide.			

*This supplemental label expires 01/09/2016 and must not be used or distributed*

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937) As with any crop-protection product, always read and follow label directions. For additional information call toll-free 1-866-99BAYER (1-866-992-2937).

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**MAR 13 2013**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

*264-826 supplemental*

Gem™ 500 SC Fungicide is a Registered trademark of Bayer.

Created on 01/09/2013



**Bayer CropScience**

**Bayer CropScience LP**  
**P.O. Box 12014**  
**2 T.W. Alexander Drive**  
**Research Triangle Park, North Carolina 27709**  
**1-866-99BAYER (1-866-992-2937)**

**Gem™ 500 SC Fungicide**

**EPA Reg. No. 264-826**

**For Use On: ALMONDS**

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**Supplemental Label**

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Read this label and the product package label before using this product. This Supplemental Label must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the product label for Gem™ 500 SC Fungicide attached to the container.

**USE DIRECTIONS FOR SPECIFIC CROPS**

<b>ALMONDS</b>			
<b>Disease Control</b>	<b>Rate fl oz/Acre</b>	<b>Application Timing</b>	<b>Notes</b>
Alternaria <i>(Alternaria alternata)</i> Anthracnose <i>(Colletotrichum acutatum)</i> Rust <i>(Tranzschelia discolor)</i> Scab <i>(Cladosporium carpophilum)</i> Shot hole <i>(Wilsonomyces carpophilus)</i>	2.9 to 3.8	Begin applications preventively and continue as needed on a 7- to 14-day spray schedule.	Use the higher rates and shorter intervals when disease pressure is severe.  <b>ACCEPTED                      with COMMENTS                      In EPA Letter Dated                      MAR 13 2013</b>  <b>Under the Federal Insecticide,                      Fungicide, and Rodenticide Act                      as amended, for the pesticide                      registered under EPA Reg. No.</b>
<b>Disease Suppression</b>	<b>Rate fl oz/Acre</b>	<b>Application Timing</b>	<b>Notes</b>
Brown rot blossom blight <i>(Monilinia spp.)</i>	1.9 to 3.8	Begin applications at pink bud stage (about 5% bloom). If conditions are favorable for disease development, apply again at full bloom and at petal fall, or on a 14- to 21-day spray schedule.	Use the higher rates and shorter intervals when disease pressure is severe.  264-826 supplemental
<p><b>Restrictions:</b> Do not apply more than 15.2 fl. oz. of Gem 500 SC Fungicide per acre per season. Do not apply Gem 500 SC Fungicide within 14 days of harvest. To limit the potential for development of disease resistance:</p> <ul style="list-style-type: none"> <li>Do not make more than two (2) sequential applications of Gem 500 SC Fungicide. Then alternate to at least an equal number of sequential applications of labeled, effective non-QoI fungicides with a different mode of action.</li> <li>Do not make more than four (4) applications of Gem 500 SC Fungicide or other QoI fungicides per acre per season.</li> </ul>			

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 For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937) As with any crop-protection product, always read and follow label directions. For additional information call toll-free 1-866-99BAYER (1-866-992-2937).

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Created on 01/09/2013